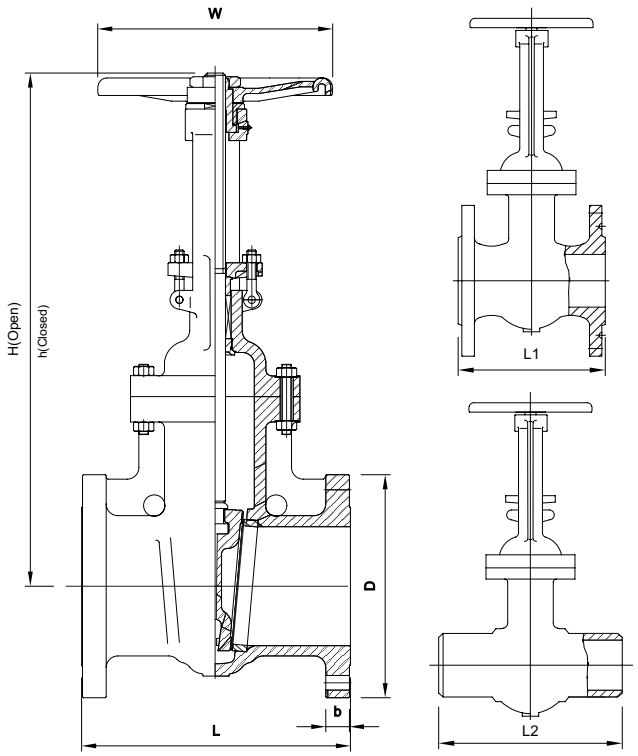
CAST STEEL FLANGED GATE VALVES, ANSI CLASS 150

Fig No:GTF-150 *2"~ 48"*
DN50~DN1200

Features:
Flexible wedge
Seal welded seats
Outside Screw and Yoke,Rising stem design,Non-rising hand wheel
Seat face stellited,ground and lapped to a mirror finish
Universal Trim-13 Cr stem,wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850˚F(454˚C)
Body and Bonnet joint accurately machined,Full enclosed gasket

SampleCastings:
Before castings are released for production,the Modentic NDE inspector level evaluates and approves the submitted x-rayfilms (100%coverage)
as per ASME B16.34 acceptance standard
Improves the internal integrity of castings(RT level 2 or better) at pattern approval

Standardcompliance:
Valve design according to API600,BS1414
Shell Wall Thickness:2"-24":API600
26"- 42" :BS1414
48": Manufacture's standard
Pressure-temperature rating according to ASME/ANSI B16.34
Material according to ASTM
Face to Face according to ASME/ANSI B16.10
End Flanges:2"-24":ASME/ANSI B16.5
26"-48":MSS SP44
Welding Ends:ASME/ANSI B16.25
Pressure testing according to API598



DIMENSIONS unit:mm

NOM SIZE	L	L1	L2	D	b	H	W
	RF	RTJ	BW			Open	
2"	178.0	191.0	216.0	152.4	16.0	409.0	200.0
2-1/2"	190.0	230.0	241.0	177.8	18.0	442.0	200.0
3"	203.0	216.0	283.0	190.5	19.0	508.0	250.0
4"	229.0	241.0	305.0	228.6	24.0	590.0	250.0
5"	254.0	267.0	381.0	254.0	24.0	710.0	250.0
6"	267.0	279.0	403.0	279.4	25.0	630.0	300.0
8"	292.0	305.0	419.0	342.9	28.0	960.0	350.0
10"	330.0	343.0	457.0	406.4	30.0	1158.0	400.0
12"	356.0	368.0	502.0	482.6	32.0	1378.0	450.0
14"	381.0	394.0	572.0	533.4	35.0	1543.0	500.0
16"	406.0	419.0	610.0	596.9	37.0	1738.0	600.0
18"	432.0	445.0	660.0	635.0	40.0	1959.0	*
20"	457.0	470.0	711.0	698.5	43.0	2214.0	*
24"	508.0	521.0	813.0	812.8	48.0	2599.0	*
26"	559.0	572.0	863.0	871.2	68.0	3086.0	*
28"	610.0	622.0	914.0	927.1	71.0	3327.0	*
30"	610.0	622.0	914.0	982.9	75.0	3606.0	*
32"	660.0	673.0	965.0	1062.0	81.0	3708.0	*
36"	711.0	724.0	1016.0	1168.0	90.0	3924.0	*
42"	813.0	826.0	1143.0	1346.0	97.0	4546.0	*
48"	1066.0	1079.0	1371.0	1511.0	108.0	5181.0	*

*Gear Operated

MATERIAL LIST

PART NAME	ASTM Specifications(Specs.-Grades/Types)			
Handwheel Nut	Carbon Steel			
Handwheel	Malleable Iron			
Stem Nut	ASTM A439 GR.D2			
Stem	13CR,316 OR 304,17-4HP,Monel			
Gland Flange	A216-WCB	A352-LCC	A217-WC6	A217-C5
Gland	13Cr.316 OR 304			
Stem Packing	Braided Graphite & Die Formed Graphite Ring			
Backseat Bushing	13Cr.316 OR 304			
Bonnet	A216-WCB	A352-LCC	A217-WC6	A217-C5
Bonnet Gasket	304+Graphite			
Bonnet Bolts and Nuts	A193-B7/A194-2H	A320-L7M/A194-7M	A193-B16/A194-7	A193-B16/A194-7
Gate	A216-WCB	A352-LCC	A217-WC6	A217-C5
Seat Ring	A105,LF2,316 OR 304			
Body	A216-WCB	A352-LCC	A217-WC6	A217-C5
Gland Eye Bolts and Nuts	A193-B7/A194-2H	A320-L7M/A194-7M	A193-B7/A194-2H	
Pin	Carbon Steel			
Grease Nipple	Carbon Steel			
Retaining Nut	Carbon Steel			

Other Materials Also Available On Requested